

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(piezoelectric and (ossicle or stape or incus or hammer) and (transducer or aid or microphone) and (hermetical\$4 or seal\$3) and circuit and (housing or shell or case or casing)). cIm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:52
L2	6	(( ossicle or stape or incus or hammer) and (transducer or aid or microphone) and (hermetical\$4 or seal\$3) and circuit and (housing or shell or case or casing)). cIm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:53
L3	4	2 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:53
L4	26	(( ossicle or stape or incus or hammer) with circuit with (housing or shell or case or casing)).cIm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:55
L5	857	(607/56-59).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/21 11:56
L6	378	(600/25).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/21 11:57
L7	3104	(381/312-331).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/21 11:58
L8	405815	@pd> "20080211"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:58
L9	4148	5 6 7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:58
L10	273	8 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 11:58
L11	0	381/312-320	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 12:03

L12	1675	(381/312-320).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/21 12:03
L13	2473	9 not 12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/21 12:19
S1	0	("200100037878").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/15 15:17
S2	1	("20010037878").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/15 15:18
S3	1	("20010003788").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/15 15:18
S4	4	((("6155968" or ("6258021" or ("6776754" or ("6572529"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/20 14:14
S5	16	("20010003788"   "20020019669"   "3712962"   "3870832"   "3882285"   "4988333"   "5411467"   "5558618"   "5836863"   "0554096"   "6422991"   "6627104"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/03 15:20
S6	75	("3712962").URPN.	USPAT	OR	ON	2008/02/03 15:23
S7	399	(607/57).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/03 17:32
S8	9	(US-6736770-\$ or US- 6636768-\$ or US-6214046- \$ or US-5935166-\$ or US- 5879283-\$ or US-5531787- \$ or US-5282858-\$ or US- 4988333-\$ or US-4785827- \$).did.	USPAT	OR	ON	2008/02/03 22:27
S9	290	("0622328"   "2402392"   "3209082"   "3346704"   "3557775"   "3594514"   "3602654"   "3633217"   "3676611"   "3702957"   "3712962"   "3752939"   "3763333"   "3764748"   "3771173"   "3842440"   "3882285"   "3919722"   "3926198"   "3931648"   "3942535"   "3970862"   "3974825"   "4027678"   "4052754"   "4063048"   "4063049"   "4143661"   "4150262"   "4207441"   "4213207"   "4237895"   "4267410"   "4269905"   "4284856"   "4301324"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/03 22:28

"4314562"	"4352960"
"4357497"	"4358539"
"4419995"	"4428377"
"4441210"	"4481950"
"4498461"	"4532930"
"4542532"	"4547631"
"4606329"	"4611598"
"4612915"	"4616655"
"4617913"	"4626960"
"4662358"	"4665896"
"4666443"	"4678991"
"4696287"	"4706689"
"4729366"	"4762135"
"4774933"	"4776322"
"4817607"	"4817609"
"4832051"	"4840178"
"4846191"	"4850962"
"4908509"	"4918745"
"4943750"	"4957478"
"4988333"	"5012520"
"5015224"	"5015225"
"5033999"	"5061282"
"5070535"	"5083312"
"5085628"	"5095904"
"5163957"	"5176620"
"5180391"	"5217011"
"5271397"	"5277694"
"5279292"	"5282858"
"5306299"	"5318502"
"5338287"	"5344387"
"5360388"	"5403262"
"5411467"	"5456654"
"5498226"	"5531787"
"5545219"	"5554096"
"5558618"	"5571148"
"5578084"	"5597380"
"5601617"	"5603726"
"5624376"	"5626629"
"5637418"	"5697975"
"5707338"	"5762583"
"5788656"	"5795287"
"5800336"	"5800475"
"5814095"	"5859916"
"5935166"	"5957958"
"5999632"	".PN. OR
("6010532"	"6038484"
"6067474"	"6093144"
"6143440"	"6146778"
"6154677"	"6190305"
"6192272"	"6216040"
"6227204"	"6238813"
"6251062"	"6269266"
"6342035"	"6358281"
"6381336"	"6445948"
"6450172"	".PN. OR
("4785827"	"4988333"
"5282858"	"5531787"

		"5879283"   "5935166"   "6214046"   "6636768"   "6736770").URPN.				
S10	222	piezoelectric and cochlea and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/03 22:53
S11	18	(US-4063049-\$ or US-6153966-\$ or US-6781231-\$ or US-6736770-\$ or US-5531787-\$ or US-6259951-\$ or US-6473651-\$ or US-6214046-\$ or US-5935166-\$ or US-6264603-\$ or US-6636768-\$ or US-4785827-\$ or US-4988333-\$ or US-6039685-\$ or US-5637418-\$ or US-5282858-\$ or US-5879283-\$ or US-6261224-\$).did.	USPAT	OR	ON	2008/02/03 23:12
S12	12	piezoelectric and S11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/03 23:13
S13	2	((("20010003788") or ("3882285"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 06:03
S14	56	(ossicle or stape or incus or hammer) same piezoelectric same microphone	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/04 06:30
S15	107	"5624376"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/04 06:40
S16	1	("5624376").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 06:41
S17	1	("20070137447").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 06:52
S18	1	("20050137447").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 06:53
S19	6396	armin.in.	EPO; JPO; DERWENT	OR	ON	2008/02/04 07:03
S20	132	acoustic and sensor and hearing	EPO; JPO; DERWENT	OR	ON	2008/02/04 07:04
S21	1	S19 and S20	EPO; JPO; DERWENT	OR	ON	2008/02/04 07:04
S22	2	((("20010003778") or ("3882285"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:19
S23	1	((("20010003788") or ("3882285"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:20

S24	2	((("20010037878") or ("3882285")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:20
S25	1	((("2001003788") or ("3882285")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:21
S26	2	((("2001003788") or ("3882285")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:21
S27	378	(600/25).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/19 21:52
S28	982	(ossicle or stape or incus or hammer) same piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/19 21:52
S29	124	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/19 21:52
S30	1	("20050113633").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/19 22:12
S31	551	counter-support	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/19 22:12
S32	1	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/09/19 22:12

9/21/08 12:41:56 PM

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